LOCK ASSEMBLY HAVING SECURE ENGAGEMENT PLATE

CROSS REFERENCE TO RELATED APPLICATIONS

[001] The present application claims priority to pending U.S. Patent Application Serial No.10/256,541 LOCK ASSEMBLY HAVING SECURE ENGAGEMENT PLATE, filed September 26, 2002, which claims priority to U.S. Provisional Application Serial No. 60/325,431 for LOCK ASSEMBLY HAVING SECURE ENGAGEMENT PLATE filed September 26, 2001.

FIELD OF THE INVENTION

[002] The present invention provides a lock assembly, including a mounting plate for securing the lock assembly to an enclosure door, preferably a computer enclosure door. In preferred embodiments, the lock assembly includes components of an electronic lock, preferably including a Dallas™ chip, which enables the lock to monitor entry into the computer enclosure. The present invention also includes an enclosure door including such a lock assembly.

BACKGROUND OF THE INVENTION

[003] Locks to limit access to enclosures are well known in the art as are locks which monitor access to enclosures. Such locks are manufactured by a number of companies, most prominently Sargent & Greenleaf Lock Manufacturer's, Inc., Nicholasville, KY; LaGard, Inc., Torrance, CA and Kaba Mas, Inc. of Lexington, KY. These locks can limit access to the inside of an enclosure to individuals who have a specific entry code which they are required to enter when seeking access to the enclosure. The locks can also monitor and keep a record of which codes are used to obtain access to the enclosure and when such access is obtained. These types of locks are well known in the art.